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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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| <b>TRANSMITTAL FORM</b><br><i>(to be used for all correspondence after initial filing)</i> | Application Number   | 09/177,814                    |
|  | Filing Date          | October 23, 1998              |
|  | First Named Inventor | Terry L. Gilton               |
|  | Group Art Unit       | 1641                          |
|  | Examiner Name        | N. Yang                       |
| Attorney Docket Number   |                      | 2269-3530.3US (97-1257.00/US) |

| ENCLOSURES (check all that apply)   |   |  |
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| <input checked="" type="checkbox"/> Postcard receipt acknowledgment (attached to the front of this transmittal)   | <input type="checkbox"/> Information Disclosure Statement, PTO/SB/08A (08-00); <input type="checkbox"/> copy of cited references  | <input type="checkbox"/> Terminal Disclaimer                         |
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| <input type="checkbox"/> Response to Restriction Requirement/Election of Species Requirement dated  | <input type="checkbox"/> Petition for Extension of Time and Check No. in the amount of \$   |  |
| <input checked="" type="checkbox"/> Amendment in response to office action dated May 3, 2005  | <input type="checkbox"/> Petition   |  |
| <input type="checkbox"/> Amendment under 37 C.F.R. § 1.116 in response to final office action dated   | <input type="checkbox"/> Fee Transmittal Form   | <input type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Additional claims fee - Check No. in the amount of \$  | <input type="checkbox"/> Certified Copy of Priority Document(s)   |  |
| <input type="checkbox"/> Letter to Chief Draftsman and copy of FIGS. with changes made in red   | <input type="checkbox"/> Assignment Papers (for an Application)   |  |
| <input type="checkbox"/> Transmittal of Formal Drawings   | Remarks   |  |
| <input type="checkbox"/> Formal Drawings ( sheets)  | The Commissioner is authorized to charge any additional fees required but not submitted with any document or request requiring fee payment under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account 20-1469 during pendency of this application. |  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |  |
|--|--|
| Firm or Individual name                    | Brick G. Power Registration No. 38,581 |
| Signature                                  |  |
| Date                                       | August 1, 2005                         |

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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Terry L. Gilton

**Serial No.:** 09/177,814

**Filed:** October 23, 1998

**For:** SEPARATION APPARATUS  
INCLUDING POROUS SILICON COLUMN

**Confirmation No.:** 3621

**Examiner:** G. Gabel

**Group Art Unit:** 1641

**Attorney Docket No.:** 2269-3530.3US  
(97-1257.00/US)

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August 1, 2005  
Date

Signature

Erika Gandre  
Name (Type/Print)

**AMENDMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Amendment is being filed in response to the rejections presented in the Office Action mailed on May 3, 2005, the three-month shortened statutory period for response to which expires on August 3, 2005.

**Amendments to the claims** are set forth in the listing of the claims that begins on page 2 of this paper; and

**Remarks** start at page 7 of this paper.